A NEW SPECIES OF THE VOLUTIDAE FROM NORTH AUSTRALIA

By PROF. J. M. OSTERGAARD† and RAY SUMMERS*

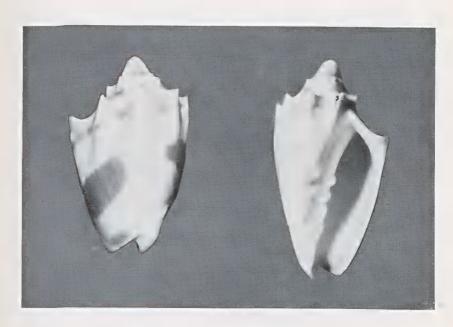
AULICINA PERRYI, sp. nov.

Description: Shell ovately oblong, with rather prominent spire, obtuse at apex and minutely noduled, the nodules increasing in size anteriorly, becoming small sharply-pointed spines on the penult whorl. On the body whorl the spines become prominent, broad at their bases, erect, and very sharp. Whorls smooth, concave on posterior part, but angled where they bear the spines. Columella four-plated, aperture oblong, lip thin, with a narrow zone of pale brown within aperture near margin. Colour of shell white superimposed on a pale carmine ground, with blotches of pale brown, which form an undulating band across the spines of the body whorl. Two large transversely oblong spots of same colour are present near anterior end of body whorl. Brown areas occur on the spire, becoming gradually obscure at the apex. Aperture and columella white.

Size: Length of shell 47 mm., length of aperture 33 mm.

Locality: Queensland, Aust., on Westaria Reef in the Capricorn Group.

Remarks: The holotype is in the collection of Raymond H. Summers, Petaluma, California, U.S.A. The paratype is in the collection of Arthur J. Nash, Gladstone, Queensland, Australia, and an immature specimen is in the collection of Roy Perry, Gladstone, Queensland, Australia, the gentleman who collected all three specimens and generously presented the coauthor with a specimen. According to observations made by the discoverer, Roy Perry, after whom this shell is named, the mantle of the animal was of a "greater percentage of yellow in its outer fringe than is present in Voluta pulchra Sowerby." Three known specimens were collected alive in March, 1953. This species seems to be most nearly related to V. pulchra Sowerby, with which it agrees quite closely in form and sculpturing, but from which it deviates greatly in colour pattern, lacking the ornamental design of V. pulchra. Perry and Nash reside in the area where the specimens were taken and have collected for a number of years without seeing any other examples of the new species.



Aulicina Perryi, sp. nov.